

JUN 1 0 2004 L.

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

in re application of:

Westberg et al.

Attorney Docket No.: F-5495 DIV

Serial No.:

10/828,359

Examiner: Unknown

Filed:

20 April 2004

Group Art Unit: Unknown

For:

Fluid Pressure Actuated Blood Pumping Systems and Methods with Continuous

Inflow and Pulsatile Outflow Conditions

Mail Stop Non-Fee Amendment Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

AMENDMENT TRANSMITTAL

1. Transmitted herewith is an amendment for this application.

STATUS

- 2. Applicant is
 - [] a small entity
 - [x] other than a small entity.

CERTIFICATE OF MAILING (37 CFR 1.8(a))

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United State Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed as follows: Mail Stop Non-Fee Amendment, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450

Judith Dunaway

Date: 7 June 2004

Type or print name of person mailing paper

(Signature of person mailing paper)

EXTENSION OF TERM

VOTE:	Non-Fina	al Office A	e in Patent Cases (Supplement Americanents) ction, an extension of time is not required to nortened statutory period.	permit filing and/or entry of an additional amendment after
	a Notice the timel	of Appeal v-filed resu	or filing and/or entry of an additional amendm conse placed the application in condition for allo	extension of time is required to permit filing and/or entry one of the shortened statutory period unless towance. Of course, if a Notice of Appeal has been filed withing title of December 10, 1985 (1061 O.G. 34-35).
NOTE:		CFR 1.64 nation prod		seedings and 37 CFR 1.550(c) for extensions of time in
3.	The pr	oceedir	ngs herein are for a patent applicati	on and the provisions of 37 CFR 1.136 apply
			(complete (a) or (b) as	applicable)
	(a)	[]	Applicant petitions for an extension 1.17(a)-(d) for the total number of	on of time under 37 CFR 1.136 (fees: 37 CFR months checked below:
	Extens (month one may two monthree r four m	ns) onth onths months onths	Fee for other than <u>Small Entity</u> \$ 110.00 \$ 420.00 \$ 950.00 \$1480.00 \$2010.00	Fee for Small Entity \$ 55.00 \$ 210.00 \$ 475.00 \$ 740.00 \$1005.00
			Fee: \$	
	If an a	dditiona	I extension of time is required pleas	se consider this a petition therefor.
			(check and complete the next i	tem, if applicable)
	[]	therefo	tension for months or of \$ is deducted ension now requested.	has already been secured and the fee paid ed from the total fee due for the total months
		Extens	sion fee due with this request: \$	
			OR	
	(b)	[x]	conditional petition is being made	ension of term is required. However, this to provide for the possibility that applicant has I for a petition for extension of time.

FEE FOR CLAIMS

4. The fee for claims (37 CFR 1.16(b)-(d)) has been calculated as shown below:

	Claims Remaining After Amendment	Highest No. Previously Paid For	Present Extra	Rate	Additional Fee (Small Entity)	Additional Fee (Large Entity)
Total Claims 37 CFR 1.16(c)*	6	-20 =	(14)	x \$ 9.00	\$0	\$0
Independent Claims (37 CFR 1.16(b)**	1	-3 =	(2)	x \$ 43.00	\$0	\$0
First Presentation of Multiple Dependent claim(s) if any (37 CFR 1.16(d))				\$145.00	\$0	\$0
Total Additional Fee					\$0	\$0

 If the "Highest No. Previously I 	Paid for" IN THIS SPACE is less than 20, enter "20"
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The "Highest No. Previously Paid For" (Total or indep.) is the highest number found in the appropriate box in Col. 1 of a prior amendment or the number of claims originally filed.

WARNING: "After final rejection or action (S 1.113) amendments may be made cancelling claims or complying with any requirement of form which has been made." 37 CFR S 1.116(a) (emphasis added).

(complete (c) or (d) as applicable)

	(c)	c) [x] No additional fee for claims is required.	
			OR
	(d)	[]	Total additional fee for claims required \$
			FEE PAYMENT
5.	[]	Attached is a check in the sum of \$	
	[]	Charg	ge Account No the sum of \$
			A duplicate of this transmittal is attached

^{**} If the "Highest No. Previously Paid For" IN THIS SPACE is less than 3, enter "3".

FEE DEFICIENCY

NOTE: If there is a fee deficiency and there is no authorization to charge an account, additional fees are necessary to cover the additional time consumed in making up the original deficiency. If the maximum, six-month period has expired before the deficiency is noted and corrected, the application is held abandoned. In those instances where authorization to charge is included, processing delays are encountered in returning the papers to the PTO Finance Branch in order to apply these charges prior to action on the cases. Authorization to charge the deposit account for any fee deficiency should be checked. See the Notice of April 7, 1986, (1065 O.G. 31-33).

6. [x] If any overpayment of fees or additional extension and/or fee is required, charge Account No. <u>06-2360</u>.

AND/OR

[x]	* *	payment of fees or additional fee for claims is required charge Account No			
	06-2360	Will.			
		SIGNATURE OF ATTORNEY			
Reg. No.: 29,243		Daniel D. Ryan TYPE OR PRINT NAME OF ATTORNEY			
Tel. No.: (262) 783 - 1300		RYAN KROMHOLZ & MANION, S.C.			
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April 20, 2004

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Fluid Pressure Actuated Blood Pumping Systems and Methods with Continuous Inflow and Pulsatile Outflow Conditions

Preliminary Amendment

Commissioner of Patents and Trademarks Washington, D.C. 20231

Sir:

Please amend the claims before the first office action as follows: